

GenCore version 5.1.3  
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OM nucleic - nucleic search, using sw model

Run on: February 24, 2003, 10:15:28 : Search time 37.8045 Seconds  
(without alignments)  
8639.474 Million cell updates/sec

Title: US-09-922-895-2

Perfect score: 1065

Sequence: 1 ATGACAACTCTACTAGATAC.....CGAACCTCTCTATTGTGTTT 1065

Scoring table: IDENTITY-NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 10%

Listing first 45 summaries

Database :

Issued\_Patents\_NA: \*  
1: /cgn2\_6/ptodata/1/lna/5A.COMB.seq: \*  
2: /cgn2\_6/ptodata/1/lna/5B.COMB.seq: \*  
3: /cgn2\_6/ptodata/1/lna/6A.COMB.seq: \*  
4: /cgn2\_6/ptodata/1/lna/6B.COMB.seq: \*  
5: /cgn2\_6/ptodata/1/lna/PCIVS.COMB.seq: \*  
6: /cgn2\_6/ptodata/1/lna/Backfiles1.seq: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1065	100.0	1065	US-08-847-296B-2	Sequence 2, Appl1
2	1065	100.0	1915	US-08-575-967A-3	Sequence 3, Appl1
3	540.8	50.8	2156	US-08-012-988A-1	Sequence 1, Appl1
4	363.4	34.1	1059	US-08-724-984A-3	Sequence 3, Appl1
5	363.4	34.1	1376	US-09-087-232A-12	Sequence 12, Appl1
6	363.4	34.1	1477	US-08-833-752-2	Sequence 2, Appl1
7	363.4	34.1	3383	US-08-861-105-13	Sequence 13, Appl1
8	363.4	34.1	3383	US-08-575-967A-1	Sequence 1, Appl1
9	363.4	34.1	5674	US-09-293-170-3	Sequence 3, Appl1
10	361.8	34.0	1071	US-09-087-232A-14	Sequence 14, Appl1
11	361.8	34.0	1414	US-08-466-343D-1	Sequence 1, Appl1
12	360.6	33.9	1059	US-09-517-605-8	Sequence 8, Appl1
13	360.6	33.9	2440	US-08-724-984A-1	Sequence 1, Appl1
14	348.8	32.8	1979	US-08-450-393A-3	Sequence 3, Appl1
15	348.8	32.8	1979	US-08-446-669-3	Sequence 3, Appl1
16	348.8	32.8	1979	PCT-US95-00476-3	Sequence 3, Appl1
17	323.4	30.4	2232	US-08-450-393A-1	Sequence 1, Appl1
18	323.4	30.4	2232	US-08-446-669-1	Sequence 1, Appl1
19	323.4	30.4	2232	PCT-US95-00476-1	Sequence 1, Appl1
20	318.2	29.9	1344	US-09-087-232A-16	Sequence 16, Appl1
21	318.2	29.9	1442	US-08-833-752-3	Sequence 3, Appl1
22	259.2	24.3	1607	US-08-875-573-19	Sequence 19, Appl1
23	259.2	24.3	1695	US-09-232-878-1	Sequence 1, Appl1
24	235.6	22.1	1161	US-08-153-848-31	Sequence 31, Appl1
25	235.6	22.1	1161	PCT-US93-11153-31	Sequence 31, Appl1
26	235.6	22.1	2254	US-08-153-848-27	Sequence 27, Appl1
27	235.6	22.1	2254	US-09-299-843A-27	Sequence 27, Appl1

28	235.6	22.1	2254	US-09-088-337B-27	Sequence 27, Appl1
29	235.6	22.1	2254	PCT-US93-11153-27	Sequence 27, Appl1
30	235.6	22.1	3119	US-09-299-843A-31	Sequence 31, Appl1
31	235.6	22.1	3119	US-09-088-337B-31	Sequence 31, Appl1
32	221.2	20.8	1586	US-08-461-244-1	Sequence 1, Appl1
33	206.6	19.4	792	US-08-833-752-1	Sequence 1, Appl1
34	198.2	18.6	1050	US-08-681-192-1	Sequence 1, Appl1
35	178.2	16.7	461	US-09-087-232A-11	Sequence 11, Appl1
36	170.4	16.0	1510	US-07-759-568-4	Sequence 4, Appl1
37	170.4	16.0	1748	US-08-202-056-8	Sequence 8, Appl1
38	167.8	15.8	1900	US-08-153-848-18	Sequence 18, Appl1
39	167.8	15.8	1900	US-09-299-843A-18	Sequence 18, Appl1
40	167.8	15.8	1900	US-09-088-337B-18	Sequence 18, Appl1
41	167.8	15.8	1900	PCT-US93-11153-18	Sequence 18, Appl1
42	167.8	15.8	2058	US-08-153-848-6	Sequence 6, Appl1
43	167.8	15.8	2058	US-09-299-843A-6	Sequence 6, Appl1
44	167.8	15.8	2058	US-09-088-337B-6	Sequence 6, Appl1
45	167.8	15.8	2058	PCT-US93-11153-6	Sequence 6, Appl1

#### ALIGNMENTS

RESULT 1  
US-08-847-296B-2  
; Sequence 2, Application US/08847296B  
; Patent No. 6271347  
; GENERAL INFORMATION:  
; APPLICANT: DAUGHERTY, BRUCE L.  
; APPLICANT: DEMARTINO, JULIE A.  
; APPLICANT: SICILIANO, SALVATORE J.  
; APPLICANT: SPRINGER, MARTIN J.  
; TITLE OF INVENTION: EOSINOPHIL EOTAXIN RECEPTOR  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Merck & Co., Inc.  
; STREET: P. O. Box 2000, 126 E. Lincoln Ave.  
; CITY: Rahway  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 07065-0900  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/847,296B  
; FILING DATE: 24-APR-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/016,158  
; FILING DATE: 26-APR-1996  
; APPLICATION NUMBER: 60/017,113  
; FILING DATE: 26-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Thies, J. Eric  
; REGISTRATION NUMBER: 35,382  
; REFERENCE/DOCKET NUMBER: 19634Y  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3904  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1065 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; US-08-847-296B-2  
Query Match 100.0%; Score 1065; DB 4; Length 1065;



Oy	301	TTTGGCCATGGCAATGCTAAGCTCTCTCCTGAGGCTTTTATCACACAGGCTTTGACAGCGA3	360
Oy	662	TTTGGCCATGGCAATGCTAAGCTCTCTCCTGAGGCTTTTATCACACAGGCTTTGACAGCGA3	721
Oy	361	ATCTTTTTCATTAATCCCTGCTGACAAATCGAAGAGTACCTGGCAATTTCCATCTCTGTGTT	420
Db	722	ATCTTTTTCATTAATCCCTGCTGACAAATCGAAGAGTACCTGGCAATTTCCATCTCTGTGTT	781
Oy	421	GCCCTTGAGGCCGGAGCTGTACATTTTGGTGTGCATCACCAGCATCTGCACCTGGGGCCCTG	480
Db	782	GCCCTTGAGGCCGGAGCTGTACATTTTGGTGTGCATCACCAGCATCTGCACCTGGGGCCCTG	841
Oy	481	GCACTGCTACGACGCTCTCTCTGAAATTTATCTTATGACAGCTGSAAGATGTTTGAAGAG	540
Db	842	GCACTGCTACGACGCTCTCTCTGAAATTTATCTTATGACAGCTGSAAGATGTTTGAAGAG	901
Oy	541	ACTGTTTGACAGTGTCTTTTACCCAGAGGATACAGTATAGCTGGAGGGATTTCCACACT	600
Db	902	ACTGTTTGACAGTGTCTTTTACCCAGAGGATACAGTATAGCTGGAGGGATTTCCACACT	961
Oy	601	CTGGAATGACCATCTTCTGTCTCTGTTCTCCCTCTCCTGTTATGAGCATCTGCTACACA	660
Db	962	CTGGAATGACCATCTTCTGTCTCTGTTCTCCCTCTCCTGTTATGAGCATCTGCTACACA	1021
Oy	661	GGAATCATCAAAAGCGCTGCTGAGGTGCCCCAGTAAAAAAGTACAAAGCCATCCGGCTC	720
Db	1022	GGAATCATCAAAAGCGCTGCTGAGGTGCCCCAGTAAAAAAGTACAAAGCCATCCGGCTC	1081
Oy	721	ATTTTGTGCATCATGGGGGGTGTTCATTTCTGGACACCCACAAATGGCTATCCCT	780
Db	1082	ATTTTGTGCATCATGGGGGGTGTTCATTTCTGGACACCCACAAATGGCTATCCCT	1141
Oy	781	CTCTCTTCATCAATCCATCTTATTTGGAATGACTGTGAGGGGAGCAAGCATCTGAGAC	840
Db	1142	CTCTCTTCATCAATCCATCTTATTTGGAATGACTGTGAGGGGAGCAAGCATCTGAGAC	1201
Oy	841	CTGCTGATGCTGCTGCTGAGAGAGTGATCGCTACTCCCATGCTGCTGATGAACCCGGTGATC	900
Db	1202	CTGCTGATGCTGCTGCTGAGAGAGTGATCGCTACTCCCATGCTGCTGATGAACCCGGTGATC	1261
Oy	901	TACGCTTGTGTGAGAGAGGTTCCGGAATACCTCGCGCACTTCTCCACAGGCGACTTG	960
Db	1262	TACGCTTGTGTGAGAGAGGTTCCGGAATACCTCGCGCACTTCTCCACAGGCGACTTG	1321
Oy	961	CTCATGCACCTGGGCGAGATACATCCCATTCCTTCTCTAGTGAAGAGCTGGAAGAACACAC	1020
Db	1322	CTCATGCACCTGGGCGAGATACATCCCATTCCTTCTCTAGTGAAGAGCTGGAAGAACACAC	1381
Oy	1021	TCTGTCTCTCATATCCACAGCAGACCGGGAATCTCTATTTGTGTTT	1065
Db	1382	TCTGTCTCTCATATCCACAGCAGACCGGGAATCTCTATTTGTGTTT	1426
RESULT 3			
US-08-012-988A-1			
: Sequence 1, Application US/08012988A			
: Patent No. 5652133			
: GENERAL INFORMATION:			
: APPLICANT: Murphy, Philip M.			
: TITLE OF INVENTION: Cloning and Expression of Human			
: TITLE OF INVENTION: Macrophage Inflammatory Protein-1 alpha (MIP-1			
: NUMBER OF SEQUENCES: 2			
: CORRESPONDENCE ADDRESS:			
: ADDRESSEE: Townsend and Townsend Kourile and Crew			
: STREET: One Market Plaza, Stewart Tower, Suite 2000			
: CITY: San Francisco			
: STATE: California			
: COUNTRY: USA			
: ZIP: 94610			
: COMPUTER READABLE FORM:			
: MEDIUM TYPE: Floppy disk			
: COMPUTER: IBM PC compatible			

[illegible]

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	TYPE: Nucleic Acid	STRANDEDNESS: Single	TOPOLOGY: Linear	ANTI-SENSE: NO	US-08-724-984A-3
Query Match	34.1%	Score 363.4	DB 4	Length 1059:	
Best Local Similarity	62.2%	Pred. No. 3,2e-91:			
Matches	625:	Conservative 0:	Mismatches 371:	Indels 9:	Gaps 3:
QY	66	GCTGTGTGAAAAAGCTGATACCAAGACACATGATGGCCAGTTTGTGCCCCGCTGTACTC	125		
DB	54	GCCTCGCCAAAAAACAATGATGAAACAATATGCACCCGCGCTCCGCTCTACTC	113		
QY	126	CGTGTGTTTCACTGAGGCGCTCTGGGCAATGTGGTGGGGGATGATTCATTAATA	185		
DB	114	ACTGGTTTTCATCTTTGGTTTGTGGGCAACATGGCTGGTCTCTCATCTGATTAAC	173		
QY	186	CAGAGAGGCTCCGAATATGACCAACATCTACTGCTCAACCTGGCCATTGTGGACCTCT	245		
DB	174	CAAAAGGCTGAAGACATGACATGACATCTACTGCTCAACCTGGCCATTCTGACTGTT	233		
QY	246	CTTCCTCTGACACCTTCCATTCTGGATCCTATGTCAAGGGGCAATAACTGGGTTTGG	305		
DB	234	TTTCCCTTCTACTGTGCCCTTCTGGGCACTCATATCTCCGCC--AATGGGACTTTGG	290		
QY	306	CCATGACATGTATGAAGCTCTCTCAGGGGTTTATACACAGAGCTGTACAGAGACTTT	365		
DB	291	AAATACATGTGTCACTCACTTTCACAGGGCTCATTTTATAGCTTCTCTCGAATCTT	350		
QY	366	TTTCAATATCTGCTGACATCGACAGGTACCTGGCCATTGTCATGCTGTGTGGCCT	425		
DB	351	CTTCAATATCTCTCTGACATCGACATCGACAGGTACCTGGCCATTGTCATGCTGT	410		
QY	426	TGAGACCCGGAATGACATCTTGTGTGTATGTCACAGCATGCGACCTGGGCGCTGGAGT	485		
DB	411	AAAGCCAGAGAGGCTGACCTTTGGGCTGTGACAACTGTGATCACTTGGGTGTGGCTGT	470		
QY	486	GCTAGACAGCTCTTCTGATTTATCTGTATGAGATGAAGAAGTTGTTGAAGACACTCT	545		
DB	471	GTGTGCTGCTCTCCAGGATCATCTTTACAGATCTCAAAAAGAAGTCTTCATTACAC	530		
QY	546	TTGCAATGCTCTTTACCCAGAGATACAGTATATAGCTGGAGGACTTTCCACACTCAG	605		
DB	531	CTGACGCTCTATTTTCCATACGATGATCAATCTGGAAGATTTCCAGACATTTAA	590		
QY	606	AATGACATCTCTCTCTGCT	665		
DB	591	GATATGATCTTCTGGGGGCTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	650		
QY	666	CATCAAAACGCTGCTGAGGTGCCCACT--AAAAAAGTACAAAGGCTATCGGCTAT	722		
DB	651	CTTAATAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT	710		
QY	723	TTTTGTCATCATGGGGGCTTTTTCATTTTTCGACACACCTCAATGTGGCTATCTCTCT	782		
DB	711	CTTCAACATCATGATTTGTTATTTTCTCTCTCTGGGCTCCCTACACATTTGCTCTCTCT	770		
QY	783	CTCTCTCATATCAATCTTATTTTGAATGACTGTGAGGAGGAGCAAGCATCTGAGCT	842		
DB	771	GAAACACTTCTCAGGAATCTTTGGGCTGGAATATTTGACGTACTCTACAGAGTTGACCA	830		
QY	843	GGTCACTGCTGTGACAGAGGTATGCGCTACTCTCCACTGTCTGATGAAACCGGTATCTA	902		
DB	831	ACCTATGACAGGAGAGACACTTTGGGATGACGACATGCTGACATCAACCCCATATCTA	890		
QY	903	CCCTTTTGTGAGAGAGTCTCCGAAGATGCGGCACTCTTCCACAGGACTTGTCTCT	962		
DB	891	TGCTTTTGTGCGGGAGAAAGTTCAAGAACTACTCTTAACTCTCTTCCAAAGACATTTGC	950		
QY	963	CATGACCTGGGCGATATACATCCATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	1022		
DB	951	CAAGAGCTTCTGCAATGCTGTTCTATTTTTCAGCAAGAGGCTCCGAGCGAGCAAGCTC	1010		



MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/833,752  
FILING DATE: 9-Apr-1997  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: 2  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1477 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 240..1295  
US-08-833-752-2

Query Match 34.1%; Score 363.4; DB 4; Length 1477;  
Best Local Similarity 62.2%; Pred. No. 3.7e-91;  
Matches 625; Conservative 0; Mismatches 371; Indels 9; Gaps 3;

QY 66 GCCTGTGAAAAAGCTGATATCCAGACACATGAGCCCACTTGTGCCCCGCTGATCTC 125  
DB 293 GCCCTGCCAAAAATGATAGTGAAGCAAAATGCAAGCCGCTCTGCTGCTGATCTC 352  
QY 126 CCTGCTGTTCTACTGTGGGCTCTTGGGCAATGTTGGTGTGATGATCCTCATTAATA 185  
DB 353 ACTGGGTATATCTTTGGTTTGTGGCAACATGCTGCTATCTCTGTAATACTG 412  
QY 186 CAGAGGCTCCGAATTAATGACCAACATCTACCTGCTCAACCTGGCCATTGCGACTCT 245  
DB 413 CAAAGGCTGAAAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 472  
QY 246 CTTCCTGTCACCTTCATTCCTGATCCATTCATTCATTCATTCATTCATTCATTCAT 305  
DB 473 TTTCCTTCTTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 529  
QY 306 CCATGCAATGTTAGCTCTCTCAGGCTTTTATCACACAGCTTGTACAGCAGATCTT 365  
DB 530 AATTAACATGTCATCTGTCATCTGACAGGCTCTATTTATAGGCTTCTCTCGAATCTT 589  
QY 366 TTTCATATCTCTGCTGACATGACAGATGACCTGGCCATTGTCATGCTGTTGGCCT 425  
DB 590 CTTCATCATCTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 649  
QY 426 TCGAGCCGAGCTGTCATCTTGTGTCATCAGCAGATGTCACCTGGGCGCTGAGCT 485  
DB 650 AAAAGCAGAGGCTGACCTTTTGGGGGGGAGCAAGGTATATCATCTGGTGGCTGT 709  
QY 486 GCTAGCAGCTCTCTGATATTTATCTTATGAGACTGAAGAGTGTGTTAAGAGACTCT 545  
DB 710 GTTGGGCTCTCCAGAGATCATCTTTACCAATCTCAAAAAGAGTCTTATTAACAC 769  
QY 546 TTCCAGTCTCTTTACCCAGAGATACAGTATATAGCTGAGGAGCATTTCCACACTGAG 605  
DB 770 CTGACGCTCTCATTTTCATATACAGTATCATCTTGAAGATTTCCAGACATTA 829  
QY 606 AATGACCATCTTCTGCT 665  
DB 830 GATAGTATCTTGGGCTGCTCTGCGGCTGTTGATGATGATGATGATGATGATGAT 889  
QY 666 CATCAAAAGCTCTGAGAGGCCCCAGT---AAAAAAATACAGGAGCATTCGGGCGCAT 722  
DB 890 CCTAAAAACCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 949  
QY 723 TTTTGTATCATGCGGCTGTTTTCATTTTCTGACACCTTACATATGCTATCTCTCT 782

DB 950 CTCACCATCATGATGTTATTTCTCTCTGCGCTCCCTACAAATGTCCTTCTCT 1009  
QY 783 CTCCTTCATCATCATCTTATTTGAAATGATCTGAGCGGAGAGACATCTGACCT 842  
DB 1010 GAACACCTTCCAGAAATTTTGGCTGCTGATATATGATGATGATGATGATGAT 1069  
QY 843 GATCATCTGCTGACAGAGTGTATCCCTACCTGCTGCTGATGATGATGATGATGAT 902  
DB 1070 AGCTATGAGATGACAGAGCTTGTGGATGAGCAGCTGCTGATCATACCCATCTTA 1129  
QY 903 CGCCTTGTGAGAGAGTCCGGAAGTACCTGCGCACCTTCTTCCACAGGACTTGGT 962  
DB 1130 TGCCTTGTGCGGAGAGAGTTCAGAAACTACCTTACTCTCTTCCAAAGACATTCG 1189  
QY 963 CATGACCTGGGAGATATCATCCCATCTCTCTAGTGAAGAGCTGGAAGAACAGCTC 1022  
DB 1190 CAACGCTTCTGCAAAATGCTTCTATTTTCCAGCAAGAGCTCCCGACGAGCAAGCTC 1249  
QY 1023 TGT---CTCTCATCCACAGACAGAGCGGAACTCTTATTTGTT 1064  
DB 1250 AGTTTACCCGATTCACCTGGGAGAGCAAGATATCTGTGGCTT 1294

RESULT 7  
US-08-861-105-13  
Sequence 13, Application US/08861105  
Patent No. 6258527  
GENERAL INFORMATION:  
APPLICANT: LITTMAN, DAN R.  
APPLICANT: DENG, HONGKUI  
APPLICANT: ELMER, WILFRIED  
APPLICANT: LANDAU, NATHANIEL R.  
APPLICANT: LIU, RONG  
TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH  
TITLE OF INVENTION: MACROPHAGE-TROPIC HIV, AND DIAGNOSTIC AND THERAPEUTIC  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David A. Jackson, Esq.  
STREET: 411 Hackensack Ave, Continental Plaza, 4th  
FLOOR  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/861,105  
FILING DATE:  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/666,020  
FILING DATE: 19-JUN-1996  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,319  
FILING DATE: 13-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 1049-1-004 N1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-343-1684  
TELEFAX: 201-343-1684  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3383 base pairs  
TYPE: nucleic acid

STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHEICAL: NO  
 ORIGINAL SOURCE:  
 ORGANISM: Homo sapiens  
 US-08-861-105-13

Query Match 34.1%; Score 363.4; DB 4; Length 3383;  
 Best Local Similarity 62.2%; Pred. No. 5.2e-91;  
 Matches 625; Conservative 0; Mismatches 371; Indels 9; Gaps 3;

66 GCCTGTGAAAAAGCTGATACCAAGACACTGATGCCCCAGTTGGCCCCGTGACTC 125  
 108 GCCCTGCCAAATAATGATGAGCAAAATGCGAGCCGCTCCCTCCCTGCTACTC 167  
 126 CCGTGTGTCATGTCGGGCTCTTGGGCAATGTCGGTGTGATGATCTCTATAAATA 165  
 168 ACTGCTGTCATCTTTGGTTTGTGGCAACATGCTGCTATCTCTCATCTGATAAATC 227  
 186 CAGAGGCTCCGAATATGACAAACATCTACCTGCTCAACCTGGCCATTTGGACCTGCT 245  
 228 CAAAGGCTGAAGACATGATGATCATCTACCTGCTCAACCTGGCCATCTGACCTGTT 287  
 246 CTTCCTGTCACCTTCCATCTTGATCCATATGTCAGGGGCAATAACCTGTTTGG 305  
 288 TTTCCTTCTTACGTGCTCCCTTCTGGGCTCCTATGCTGCGGCC---AGTGGGACTTTG 344  
 306 CCATGGCATGTAGCTCTCTCAGGGTTTATACACAGGCTTGTACAGCAGATCTT 365  
 345 AAATACAAATGTGCAACTCTTGACAGGGCTCTATTTATAGGCTTCTCTCGAATCTT 404  
 366 TTTCATATCTGCTGACATTCAGAGTACCTGACCATGTCATGCTGTTGGCCT 425  
 405 CTTCATCATCTCTGACATGATAGTACCTGGCTGTCATGCTGCTGTTGCTT 464  
 426 TCAGGCGGACCTGTCATCTTTGGTTCATCACCAGCATCTGACCTGGGCTGGCAGT 485  
 465 AAAAGCAGAGCGTCACTTTGGGGTGTGACAGTGTATGATCTGTTGGTGGCTGT 524  
 486 GCTAGAGCTCTCTGATATTTATCTCTATGAGACTGAAAGTGTGTTGAAGACTCT 545  
 525 GTTTGGCTCTCTCCAGGAATCATCTTTACAGATCTCAAAAAGAGTTCATTACAC 564  
 546 TTGCACTGCTCTTTACCAAGAGATACAGTATATAGCTGAGGACATTTCCACACTGAG 605  
 585 CTCGACTCTCATTTCCATACAGTACAGTATCAATCTGGAATAATTTCCAGACATTA 644  
 606 AATGACCATCTTGTCTGCTGCTCTCCCTGCTGCTGTTATGGCCATCTGTACAGGAAT 665  
 645 GATAGTCACTTGTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 704  
 666 CATCAAAAGCTGCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 722  
 705 CCTAAAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 764  
 723 TTTTGTGATGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 782  
 765 CTTCACATCATGATGTTATTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 824  
 783 CTCTCTCATCATCTGATTTATTTGGAATGATCTGAGCGGAGCAAGCATCTGAGCT 842  
 825 GAACACCTTTCAGGAATTTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 884  
 843 GGTACATGTCGAGAGAGTGTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 902  
 885 AGCTATGACAGGATGACAGATCTTGTGAGTACAGCACTGCTGATCAACCCATCATCT 944  
 903 CGGCTTTTGGAGAGGTTCCGGAAGTACCTGCGCACTCTTCTGACAGCACTTGGT 962  
 945 TGGCTTTTGTGCGGAGAGATTCAGAAACTACCTTAGTCTTCTCCAAAAGACATTTG 1004  
 963 CATGACCTGGGAGATACATCCATCTCTCTACTGAGAAAGCTGGAAGAACAGCTTC 1022

1005 CAAACGCTTCTGCAAAATGCTTCTATTTCCAGCAAGAGCTGCCAGGACAACTC 1064  
 1023 TGT---CTTCATTCACACAGAGCGGAGACTCTCATATGTGTT 1064  
 1065 AGTTTACCCGATTCACCTGAGGAGCAAGAAATATCTGTGGCTT 1109

## RESULT 8

US-08-575-967A-1  
 Sequence 1, Application US/08575967A

Patent No. 6265184

GENERAL INFORMATION:

APPLICANT: Gray et al.

TITLE OF INVENTION: Chemokine Receptor Materials and Methods

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 S. Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/575,967A

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: No. 6265184 and, Greta E.

REGISTRATION NUMBER: 35,302

REFERENCE/DOCKET NUMBER: 32918

TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-485-1662

TELEFAX: 206-485-1662

INFORMATION FOR SEQ. ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 3383 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 55..1110

FEATURE:

NAME/KEY: misc.feature

OTHER INFORMATION: /- "88C poly(nucleotide and amino acid

US-08-575-967A-1

Query Match 34.1%; Score 363.4; DB 4; Length 3383;

Best Local Similarity 62.2%; Pred. No. 5.2e-91;

Matches 625; Conservative 0; Mismatches 371; Indels 9; Gaps 3;

66 GCCTGTGAAAAAGCTGATACCAAGACACTGATGCCCCAGTTGTGCCCCGTGACTC 125  
 108 GCCCTGCCAAATAATGATGAGCAAAATGCGAGCCGCTCCCTCCCTGCTACTC 167  
 126 CCGTGTGTCATGTCGGGCTCTTGGGCAATGTCGGTGTGATGATCTCTATAAATA 185  
 168 ACTGCTGTCATCTTTGGTTTGTGGCAACATGCTGCTATCTCTCATCTGATAAATC 227  
 186 CAGAGGCTCCGAATATGACAAACATCTACCTGCTCAACCTGGCCATTTGGACCTGCT 245  
 228 CAAAGGCTGAAGACATGATGATCATCTACCTGCTCAACCTGGCCATCTGACCTGTT 287  
 246 CTTCCTGTCACCTTCCATCTTGATCCATATGTCAGGGGCAATAACCTGTTTGG 305  
 288 TTTCCTTCTTACGTGCTCCCTTCTGGGCTCCTATGCTGCGGCC---AGTGGGACTTTG 344



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QY 306 CCATGCGATGTGAAGCTCTCTCAGGGTTTATATCACAGAGCGTTGTACAGCGAGATCTT 365
    || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 345 AATATCAATGTGCACACTCTTGACAGGGCTATTTTATAGGCTCTCTCGTAGATCTT 404
QY 366 TTTCATATTCCTGCTACATGACAGGTAACCTGGCCATTGTCAGTGTGTTGCCCT 425
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 405 CTTCATCATCTTCCTACATGATGACCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTT 464
QY 426 TCGAGCCCGGACGTGACATTTGGTGTACATGACAGCATGCTGCGGGGCGTGGCAGT 485
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 465 AAAAGCCAGAGCGTACCTTTGGGGGTGACAAAGTGTGATGATGATGATGATGATGAT 524
QY 486 GCTAGCAGCTCTCTCTGAAATTTATCTTATATGAGACTGGAAGAGTTTGAAGAGACTCT 545
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 525 GTTTGGGTCTCTCCAGGATCATCTTTACCAATCTCAAAAAGAGTCTTATTAACAC 584
QY 546 TTGCACTGCTCTTTACCCAGAGGATACAGTATATAGCTGGAGGCAATTTCCACACTGAG 605
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 585 CTGACGCTCTCATTTTCCATACAGTACATCAATTTCTGGAAGAAATTTCCAGACATTA 644
QY 606 AATGACATCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 665
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 645 GATAGTCACTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 704
QY 666 CATCAAAAGCGTCTGAGGTGCCCCAGT--AAAAAAAGTACAGAGCCATCCGCTCAT 722
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 705 CCAAAAAGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 764
QY 723 TTTTGTATCATGAGCGGTGTTTTCATTTTCTGACACCTTACAAATGTGCTTCTCTT 782
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 765 CTTCACCATTCATGATTTTATTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 824
QY 783 CTCTTCATCATCATCTTATTTTGAAGTACTGTGAGCGGAGCAAGCATCTGAGACT 842
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 825 GAACACTCTTCAGGAATTTCTTTGGCCTGAATTAATGACGATGCTTACAGAGTTGACCA 884
QY 843 GGTACATCTGTGTGACAGAGGTGATGCTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 902
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 885 AGCTAATGAGGTGACAGAGACTCTTGGGATGACGCACTGCTGATCAACCCCATCATCTA 944
QY 903 CGCCTTTGTGAGAGAGTTCGGGAAGTACCTGCGCCCAATTTCTTCACAGGCACTTGCT 962
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 945 TGCCTTTGTGCGGAGAAAGTTCAGAAACTACCTTACTTTCTTCCAAAAGCAATGCT 1004
QY 963 CATGCACTGTGGAGATACATCCATCTCTTCTAGAGAGCTGGAAGAGCAAGCACTC 1022
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1005 CAACGCTTCTGAAATGCTGTTCTATTTTCCAGCAAGAGGCTCCGAGCGAGCAAGCTC 1064
QY 1023 TGT--CTCTCATCCAGAGAGCGGAACTCTCTATTGTGTT 1064
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1065 AGTTTACCCGATCCACTGGGAGCAGGAATATCTGTGGGCTT 1109
RESULT 9
US-09-293-170-3
: Sequence 3, Application us/09293170
: Patent No. 6383777
: GENERAL INFORMATION:
: APPLICANT: Breyer, Richard M.
: APPLICANT: Ma, Lijun
: APPLICANT: Kennedy, Chris
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR HIGH YIELD
: TITLE OF INVENTION: PRODUCTION OF EUKARYOTIC PROTEINS
: FILE REFERENCE: 22000.0094
: CURRENT APPLICATION NUMBER: us/09/293,170
: CURRENT FILING DATE: 1999-04-16
: EARLIER APPLICATION NUMBER: 60/081,989
: EARLIER FILING DATE: 1998-04-16
: NUMBER OF SEQ ID NOS: 37
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 3
: LENGTH: 5674
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: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (300)...(1616)
: OTHER INFORMATION: Description of Artificial Sequence/note =
: OTHER INFORMATION: synthetic construct
US-09-293-170-3

Query Match
Best Local Similarity 62.2%; Pred. No. 6,3e-91;
Matches 625; Conservative 0; Mismatches 371; Indels 9; Gaps 3;

QY 66 GCTCTGTGAAAAGCGATACAGAGCACTGATGAGGCCAGTTTGTGCCCCCGTGTACTC 125
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Db 587 GCCCTGCCAAAAATATATGTGAAGCAATCGAGCGCCGCTCCTCCTCCGCTGCTACTC 646
QY 126 CCTGTGTCTACTGTGGGCTCTTGGGCAATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 185
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 647 ACTGTGTCTCATTTGTTTGTGGGCAACATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 706
QY 186 CAGAGGCTCCGAAATATGACCAACATCTACCTGCTCAACCTGCGCATTTGCGACCTGCT 245
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 707 CAAGAGGCTGAAGAGCATGACATGACATCTACCTGCTCAACCTGCGCATTTGCGACCTGCT 766
QY 246 CTTCCTGCTCACCCTTCCATCTGTGATCCATATGTCAAGGGGCAATACCTGGGTTTGTG 305
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 767 TTTCTCTTCTTACTGTCCCTCTGCGGCTCAGTATGCTGCGCGCC--AGTGGAGCTTTGG 823
QY 306 CCATGCGATGTGAAGCTCTCTCAGGGTTTATATCACAGGCTTTACAGCGAGATCTT 365
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 824 AATATCAATTCCTGCAACTCTTGACAGGGGCTATTTTAAAGGCTTCTCTGGAATCTT 883
QY 366 TTTCATATTCCTGCTGACATGACAGGATACCTGGCCATTTGCTCATGCTGTGTTGCCCT 425
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 884 CTTCATCATCTCTCTGACAAATGATAGTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTT 943
QY 426 TCGAGCCCGGACTGTGACTTTTGTGCTCATACCAAGCATGCTGCTGCGGCTGGCAGT 485
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 944 AAAAGCCAGAGCGGTACACTTTGGGGTGTGACAAAGTGTATCATCTTGGGTGCTGCT 1003
QY 486 GGTAGCACTCTCTCTGATTTATCTTATATGAGACTGGAAGGTTGTTGAAGAGACTCT 545
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1004 GTTTGGGTCTCTCCAGGAATCATCTTTACCAATCTCAAAAAGAGGCTTCTATTACAC 1063
QY 546 TTGCAAGTCTTTTACCAAGAGATACAGTATATAGCTGGAGGCAATTTCCACACTGTAG 605
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1064 CTGCACTCTCATTTTCTCATACAGTCAATTCATTTCTGGAAGAAATTTCCAGCAATTA 1123
QY 606 AATGACCATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 665
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1124 GATAGTCACTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1183
QY 666 CATCAAAAGCGTCTGAGGTGCCCCAGT--AAAAAAAGTACAGAGCCATCCGCTCAT 722
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1184 CCAAAAAGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1243
QY 723 TTTTGTATCATGAGCGGTGTTTTCATTTTCTGACACCTTACAAATGTGCTATCTCTCT 782
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Db 1244 CTTCACCATTCATTTTCTTATTTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1303
QY 783 CTCTTCATCATCATCTTATTTTGAAGTACGTGAGCGGAGCAAGCATCTGAGACT 842
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1304 GAACACTCTTCAGGAATTTCTTTGGCCTGAATTAATTCAGAGTCTTACAGGTTGAGACA 1363
QY 843 GGTACATCTGTGTGACAGAGGTGATGCTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 902
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1364 AGCTATGAGGTGACAGAGACTCTTGGGATGACGCACTGCTGCTGCTGCTGCTGCTGCTGCT 1423
QY 903 CGCCTTTGTGAGAGAGGTTCGGGAAGTACCTGCGGCACTTCTTCACAGGCACTTGGCT 962
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1424 TGCCTTTGTGCGGAGAGATTCAAGAAACTACCTTATGCTTCTTCCAAAAGCAATTGC 1483
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,343D
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1150000/EKS/KLM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ. ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1414 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 259..1314
US-08-466-343D-1
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Query Match 34.0%; Score 361.8; DB 3; Length 1414;

Best Local Similarity 62.1%; Pred. No. 1e-90; Indels 9; Gaps 3;

Matches 624; Conservative 0; Mismatches 372; Indels 9; Gaps 3;

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66 GCCTGTGAAAAGTATACACAGACACATGATGACCCAGTTGTGCCCCGCTGTACTC 125
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312 GCCCTGCCAAAATATAGTGAAGCAATCGAGCCCGCTCTGCTCTGCTACTC 371
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
126 CCGTGTCTACTGTGGCCCTCTTGGGCAATGTGTGTGTGATGATCTCTATAAATA 185
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
372 ACTGGTTCATCTTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 431
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
186 CAGAGAGCCGCAATATGACCAACATCTGCTGCAACCTGCGATTCGACCTGCT 245
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
432 CAAAGGCTGGAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 491
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
246 CTTCCTGTCACCCCTTCATCTTGATTCACATATGTCAGGGGGCATACGCTTTTGG 305
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
492 TTTCCTTCTACTGTCCTCTGCTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 548
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
306 CCATGCGATGTGAAGCTCTCTCAGGGTTTATACACACAGGCTTGACAGGATCTT 365
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
549 AATATCAATGTGCAACTCTTGACAGGGGCTCTATTTTATAGGCTCTCTGCAATCTT 608
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
366 TTTCATATTCCTGCTGACATGAGATGATGATGATGATGATGATGATGATGATGATG 425
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
609 CTTCATATTCCTGCTGACATGATGATGATGATGATGATGATGATGATGATGATGATG 668
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
426 TCAGAGCCGCGACTGTACTTTGTGTGATCACCAGCATGCTGAGGGGCTGCGAGT 485
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
669 AAAAGCAGAGGCTGACCTTTGGGGTGGTGAAGATGATGATGATGATGATGATGATG 728
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
486 GCTAGACGCTCTCTGATTTATTTATGAGACTGAAGAGCTGTTTGAAGAGACTCT 545
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
729 GTTTGGGTCTCTCCAGGATCATCTTTACAGATCTCAAAAAGAGGCTTTCATTACAC 788
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
546 TTGAGGCTCTTACCGAGAGATACAGATATAGCTGAGGAGCATTCACACTGAG 605
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
789 CTGACGCTCATTTTCCATACAGTACATGATCAATTCGAAAGATTTCCAGCATTTAA 848
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
606 AATGACCATCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 665
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
849 GATAGCATCTTGGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 908
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
666 CATCAAGCGCTGCTGAGTGCCCACT---AAAAAAGTACAGGCGCATCCGCGCTCAT 722
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
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DB 909 CCAAAAACCTGCTTCGGGTGCAAAATGAGAGAGCAGAGGCTGTGAGGCTTAT 968
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QY 723 TTTTGTATCATGGGGGTGTTTTTCAATTTGAGACACCTCAATGCGTATCTCT 782
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 969 CTTCACATCATGATTTTATTTCTCTGCGGCTCCCTCAACATGTCCTCTCTCT 1028
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 783 CTCTTCATCATCCATCTTATTTGGAATGATGCTGAGCGAGACATCTGAGCT 842
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1029 GAACACCTTCAGAGATTTCTTGGCCTGAATATATGCACTAGCTCTAACAGTTGAGACA 1088
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 843 GGTATGCTGTGTGACAGAGGTGATGCGCTACTGCCACTGCTGTGATGACCCGCTGATCTA 902
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1089 AGCTATGACAGGTGACAGACACTCTTGAGATGACGACCTGCTGATCAACCCCATATCTA 1148
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 903 CGCCTTGTGTGAGAGAGGTGCGGAGATGCGGCGCCACTCTTCCACAGGACTGCT 962
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1149 TGCCTTTGTGGGAGAGATTCAGAACTACTCTTATGCTTCTTCAAAACGACATTCG 1208
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QY 963 CATGCACTGGGCGATATACATCCATTCCTCTAGTGAAGCTGGAAGACAGACTC 1022
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1209 CAACGCTTCTGCAATGCTGTTCTATTTCCAGCAAGAGGCTCCGAGCGAACAAGCTC 1268
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 1023 TGT---CTCTCATCCACAGCAGAGCCGCACTCTTATTTGTT 1064
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1269 AGTTTACACCCGATCCACTGGGAGCAGGAAATATCTGTGGCTT 1313
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RESULT 12

US-09-517-605-8

; Sequence 8, Application US/09517605

; Patent No. 6391567

; GENERAL INFORMATION:

; APPLICANT: Iltman, Dan R.

; APPLICANT: Kwon, Douglas S.

; APPLICANT: van Kooyk, Yvette

; APPLICANT: Geiljenbeck, Theo

; TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY INTO

; FILE REFERENCE: 1049-1-017

; CURRENT APPLICATION NUMBER: US/09/517,605

; CURRENT FILING DATE: 2000-03-02

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 8

; LENGTH: 1059

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-517-605-8

Query Match 33.9%; Score 360.6; DB 4; Length 1059;

Best Local Similarity 61.6%; Pred. No. 1.9e-90;

Matches 630; Conservative 0; Mismatches 384; Indels 9; Gaps 3;

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QY 48 CTATGATGACGTGGGCTCTGTGAAAAAGCTGATACAGACAGCATGATGCGCCAGTT 107
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DB 36 CGATTATGATACATCGGAGCCCTGCCAAAATCATGTAAGCAAAATGCGACCGGCT 95
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 108 TGTGCCCCGCTGATCCCTGCTGTTGCTGAGGCTCTTGGGCAATGTGTGTGT 167
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 96 CCGGCTCCACCTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 155
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 168 GATGATGCTCATTAATATACAGAGGCTCCGAATATGACCAACATCTACTCACT 227
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 156 CCGTGTCTGATTAATGCAAAAAGGCTGAAGACATGATGATGATGATGATGATGATG 215
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 228 GGCATTTTGGAGCTGCTCTCTCTGCAACCTTCATCTGTGATGATGATGATGATG 287
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 216 GGCATCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 275
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QY 288 GCATTAAGGCTTTTGGGCAATGATGATGATGATGATGATGATGATGATGATGATG 347
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DB 276 CC---AGTGGAGCTTGGAAATATACATGCTGCAACTTGTGACAGGCGCTCATTTATTAAG 332
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Db 1354 CAGGGCTGTGAGGCTCATCTTGGCATCATGATTTCTACTTCTCTTGAGCTCCCTA 1413
QY 765 CATGTGGGTATTCCTCTCTCTCTTCATCATCATCCATTTATTTGAAATGAGCTGAGG 824
Db 1414 CACATTTGCTCTCTCTCTCAACACCTTCCAGAAATTTTGGACTGATGATGAGCTAG 1473
QY 825 GAGCAGCATCTGACCTGTGATGCTGTGACAGAGAGTGTATGCTTACTCCACGTCTG 884
Db 1474 TTCTATATACATGACACGACCATGACAGCAGAGACTCTTGGATATGACACACTGCTG 1533
QY 885 CATGAACCCGCTGATCTACCTCTTGTGTGAGAGAGTTCCGGAATGACCTGCGCCACTT 944
Db 1534 CCAAAACCTGTATCTATGCTTGTGTGAGAGAGTTCCGGAATGATCTCTCACTGTT 1593
QY 945 CTTCCAGACGACCTGCTGATGACCTGAGATACATCCATTCCTCTCTATGAGAA 1004
Db 1594 CTTCCAGAAACACATGTCACAAAGCTTTTGCACAAAGGCTTCCAGCAACACAA 1653
QY 1005 GCTGGAAGAACAGCTCTGTCT--CTCCATCCAGCAGCAGACCGGAATCTCTATGTT 1061
Db 1654 TCTGTATCGTATGATCTAGTATATACCCGATCCACAGAGAAACATGATTTCTACTGG 1713
QY 1062 GTT 1064
Db 1714 TTT 1716

RESULT 14
US-08-450-393A-3
; Sequence 3, Application US/08450393A
; Patent No. 5707815
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,393A
; FILING DATE: May 25, 1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Geert, Luann
; REGISTRATION NUMBER: 31, 822
; REFERENCE/DOCKET NUMBER: UCLL-237/020US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5165
; TELEFAX: 415-8857-0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1979 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS

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; LOCATION: 81..1160
US-08-450-393A-3
Query Match 32.8%; Score 348.8; DB 1; Length 1979;
Best Local Similarity 61.5%; Pred. No. 4.6e-87;
Matches 636; Conservative 0; Mismatches 377; Indels 21; Gaps 4;

QY 37 ACCACATCTTATGATGATGACGTGGGCGCTGCTCTGTGAAAAGTGTATCCAGACACTG 96
Db 141 ACCACTTTTGTATTTATTTATTTACGGTGTCTCCCTGTGATAAATTTGACGTGAGCAATT 200
QY 97 ATGGCCAGTTTGTGCCCCGCTGATCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 156
Db 201 GGGGCGCACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 260
QY 157 GTGGTGTGTATGATATCTCTATAAATATGAGAGGCTCCGAATATATGACCAATCTAC 216
Db 261 ATGCTGTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 320
QY 217 CTGCTCAACCTGGCATTTGAGACCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 276
Db 321 CTGCTCAACCTGGCATTTGAGACCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 380
QY 277 TATGTCAGGGGCGATATATCTGGGTTTGGCATGTCATGCTCTCTCTCTCTCTCTCTCTCT 336
Db 381 TCTG--CTGCAAAATGAGTGGGCTTTGGGAATGCAATGTGCAAAATTTATTCACAGGGCTG 437
QY 337 TATGTCAGAGGCTGTGACAGCAGATCTTTTCAATATCTCTCTCTCTCTCTCTCTCTCTCT 396
Db 438 TATGTCAGAGGCTGTGACAGCAGATCTTTTCAATATCTCTCTCTCTCTCTCTCTCTCTCT 497
QY 397 CTGGCATTTGTCAGCTGTGTTGGCTTTCGAGCCGAGCTGTACATTTTGTGTCTATC 456
Db 498 CTGGCATTTGTCAGCTGTGTTGGCTTTCGAGCCGAGCTGTACATTTTGTGTGTGTG 557
QY 457 ACCAGCATGTCACCTGCGGCTGCGCATGCTGTGAGCAGATCTTCTGTAATTTATCTCTAT 516
Db 558 ACAAGTGTATCACCTGCTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 617
QY 517 GAGCTGAGAGCTGTTTGAAGAGACTCTTTCAGTGTCTTACCACAGAGATACAGTA 576
Db 618 AATGTCAGAAAGAGATTTCTGTTATGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 669
QY 577 TATGCTGAGGCAATTTCCACACTGTGAGAAATGACATCTTCTCTCTCTCTCTCTCTCTCTG 636
Db 670 ---GATGGAATATTTTCCACAAATATGAGAGAAATTTTGGGCTGTCTCTCTCTCTCTCT 725
QY 637 CTGCTTATGCGCATCTGTACACAGAGATCATCAAAAGCTGTGAGTGTGCTGCTGCTGCTG 696
Db 726 CTGATCATGTCATCTGTCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTG 785
QY 697 AAAAAGT---ACAAGGCACTCCGCGCATTTTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 753
Db 786 AAGAAAGCATGAGGAGTGTGAGTGTGATCTTACCATATATGTTTACTCTTCTCTCTCTCT 845
QY 754 TGAGACCTCTAAGTGTGCTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 813
Db 846 TGAGCTCCCTATATACATTTGCTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 905
QY 814 GACTGTAGCGGAGCAAGCATCTGACCTGTGTATGCTGTGCTGTGCTGTGCTGTGCTGTGCT 873
Db 906 AACTGTGAAGGACACAGTCACTGACCAAGCCAGCAGAGTGTGCTGTGCTGTGCTGTGCTG 965
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QY 994 CCTATGAGAGAGCTGGAAGA--ACCAAGCTGTGTCTCTCATCCACAGAGCGCGGAA 1050

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